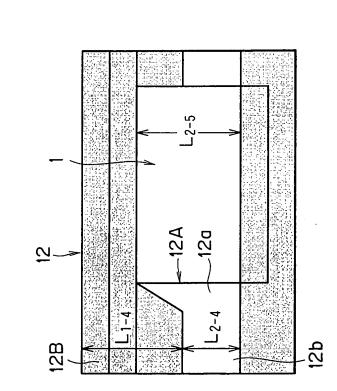
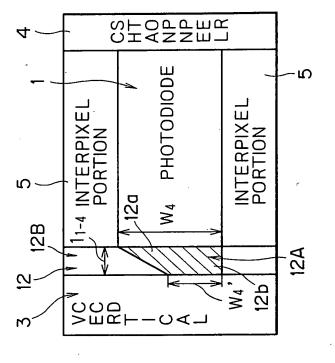
F 1 G. 1A



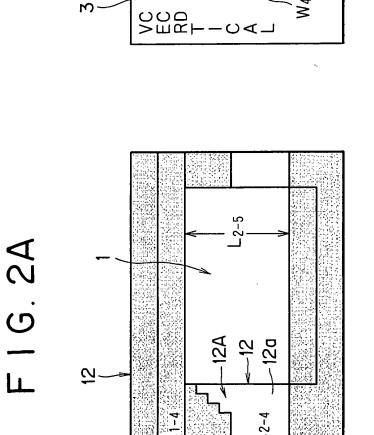
F1G. 1B



 $1_{1-4} = 1_{1-1}$ ,  $W_4 > W_1$ ,  $W_4$ ' =  $W_1$ 

 $L_{2-4}=L_{2-1}, L_{1-4}=L_{1-1}, L_{2-5}>L_{2-1}$ 

GATE WHICH IS NOT RELATED TO READOUT



NTAZZE NEDPOHS

W<sub>4</sub> PHOTODIODE

12a

12b

1-4 INTERPIXEL PORTION

F16.2B

S

12B

12B



 $L_{2-4}=L_{2-1}$ ,  $L_{1-4}=L_{1-1}$ ,  $L_{2-5}>L_{2-1}$ 

12b

S

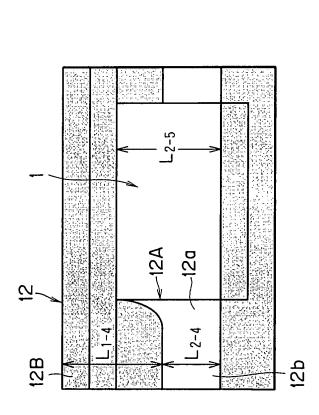
12A

INTERPIXEL PORTION

GATE WHICH IS NOT RELATED TO READOUT

F16.3A

## F 1 G. 3B



LENNAO REPPO

**PHOTODIODE** 

W4

12a

12b

LAC

CS H

INTERPIXEL PORTION

11-4

NEC C

S

12B

 $1_{1-4} = 1_{1-1}$ ,  $W_4 > W_1$ ,  $W_4' = W_1$ 

S

12A

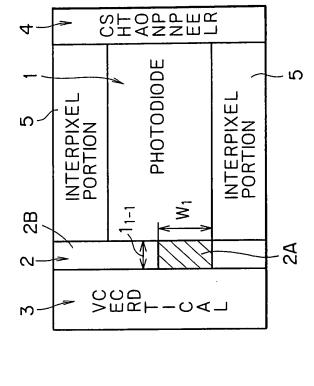
INTERPIXEL PORTION

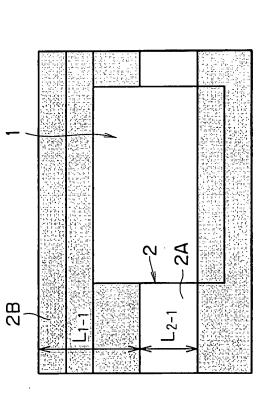


GATE WHICH IS NOT RELATED TO READOUT

F 1 G. 4A

F I G. 4B



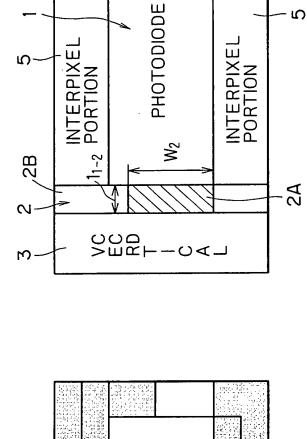


GATE WHICH IS NOT RELATED TO READOUT

F 1 G. 5A

2B

F I G. 5B



2A

L2-2

NENZAHO NEDDOHO

L1-2 <L1-1, L2-2 > L2-1

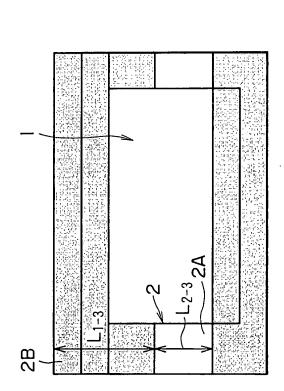
S

 $1_{1-2} = 1_{1-1} \ , \ W_2 > \! W_1$ 

GATE WHICH IS NOT RELATED TO READOUT

F I G. 6A

## F I G. 6B



$$1_{1-3} < 1_{1-1}$$
,  $W_3 = W_1$ 

$$L_{1-3}=L_{1-1}, L_{2-3}=L_{2-1}$$

GATE WHICH IS NOT RELATED TO READOUT



F16.7

